HP V1410 Switch Series

Data sheet

Product overview

HP V1410 Series switches are unmanaged Gigabit and Fast Ethernet switches designed for small and midsize businesses looking for entry-level, low-cost networking solutions with comprehensive lifetime warranty. The HP V1410 Switch Series consists of 7 models with flexible mounting options that allow customers to choose the best switch to meet their network switching needs. All models have QoS support and IEEE 802.3x flow control features to ensure maximun data efficiency. Simplifed plug and play operation is enabled by features like Auto-MDIX and Auto speed negotiation. HP has innovated and combined the latest advances in silicon technology to provide some of the most power efficient switches: 16- and 24-port Fast Ethernet models are the industry's first IEEE 802.3az compliant unmanaged Fast Ethernet switches. The available green features along with HP's Lifetime Warranty make the HP V1410 Switch Series ideal products for customers seeking low cost and reliable networking solutions.

Key features

- Unmanaged Gigabit and Fast Ethernet switches
- Green Features results in low power consumption
- Fanless for silent operation
- Quality-of-Service (QoS) support
- Industry-leading Lifetime Warranty

Features and benefits

Quality of Service (QoS)

- **IEEE 802.1p prioritization:** delivers data to devices based on the priority and type of traffic
- **DSCP Support:** Allows real-time traffic prioritization based on Layer 3 TOS/DSCP parameters

Connectivity

- **Auto-MDIX:** automatically adjusts for straight-through or crossover cables on all 10/100 and 10/100/1000 ports

Performance

- **NEW Energy Efficient Ethernet Support (J9662A and J9663A only):** Support news IEEE802.3az Std.; allowing lower power consumption when operated with EEE compliant client devices in 100Mbps mode only.
- **Half-/Full-duplex autonegotiating capability on every port:** doubles the throughput of every port
- **Jumbo frame support (gigabit models only):** Allows for upto 9216-byte frames to be swithced through the network.
- **Mini-Jumbo Frame support (J9662A and J9663A only):** Allows for frames upto 2048 bytes to be switches through the network thus supporting large data transfers.

Ease of use

- **Unmanaged:** provides plug-and-play simplicity
- **Comprehensive LED display with per-port indicators:** provides an at-a-glance view of status, activity, speed, and full-duplex operation
- **Flow control:** helps ensure reliable communications during full-duplex operation
- **Auto-speed negotiation:** Automatically selects individual port speed depending on client capabilities without need for manual intervention, allowing for simple plug and play operation.

Flexibility

- **Designed with no fan:** enables quiet operation for deployment in open spaces

Warranty and support

- **Lifetime warranty:** for as long as you own the product with advance replacement and next-business-day delivery (available in most countries)*
- **Electronic and telephone support:** limited electronic and telephone support is available from HP; refer to www.hp.com/networking/warranty for details on the support provided and the period during which support is available

*Hardware warranty replacement for as long as you own the product, with next business day advance replacement (available in most countries) with a five-year hardware warranty replacement for the disk drive included with HP AllianceONE Services zl Module, HP Threat Management Services zl Module, HP PCM+ Agent with AllianceONE Services zl Module, and HP E-MSM765 zl Mobility Controller. For details, refer to the HP Software License, Warranty, and Support booklet at www.hp.com/networking/warranty.

Specifications

	 HP V1410-8G Switch (J9559A)	 HP V1410-16G Switch (J9560A)	 HP V1410-24G Switch (J9561A)
Ports	8 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Media Type: Auto-MDIX; Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only	16 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Media Type: Auto-MDIX; Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only	22 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T); Media Type: Auto-MDIX; Duplex: 10BASE-T/100BASE-TX: half or full; 1000BASE-T: full only 2 dual-personality ports; each port can be used as either an RJ-45 10/100/1000 port (IEEE 802.3 Type 10Base-T; IEEE 802.3u Type 100Base-TX; IEEE 802.3ab 1000Base-T Gigabit Ethernet) or an open mini-GBIC slot (for use with mini-GBIC transceivers)
Physical characteristics			
Dimensions	3.8(d) x 6.14(w) x 0.96(h) in. (9.65 x 15.6 x 2.45 cm) (.5U height)	4.41(d) x 8.21(w) x 1.73(h) in. (11.2 x 20.85 x 4.4 cm) (1U height)	6.65(d) x 13.23(w) x 1.73(h) in. (16.9 x 33.6 x 4.4 cm) (1U height)
Weight	.74 lb. (0.34 kg)	1.43 lb. (0.65 kg)	2.98 lb. (1.35 kg)
Memory and processor			
	4Kb EEPROM capacity; packet buffer size: 192 KB	512 KB flash; packet buffer size: 512 KB	512 KB flash; packet buffer size: 512 KB
Mounting	Wall, desktop, and undertable mounting	Mounts in an EIA-standard 19 in. telco rack (hardware included); wall, desktop, and undertable mounting	Mounts in an EIA-standard 19 in. telco rack (hardware included); wall, desktop, and undertable mounting
Performance			
100 Mb Latency	< 3.6 µs (LIFO 64-byte packets)	< 8.0 µs (LIFO 64-byte packets)	< 8.0 µs (LIFO 64-byte packets)
1000 Mb Latency	< 1.2 µs (LIFO 64-byte packets)	< 3.6 µs (LIFO 64-byte packets)	< 3.6 µs (LIFO 64-byte packets)
Throughput	up to 11.9 million pps (64-byte packets)	up to 23.8 million pps (64-byte packets)	up to 35.7 million pps (64-byte packets)
Switching capacity	16 Gbps	32 Gbps	48 Gbps
MAC address table size	4096 entries	8000 entries	8000 entries
Environment			
Operating temperature	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)
Operating relative humidity	15% to 95% @ 104°F (40°C), noncondensing	15% to 95% @ 104°F (40°C), noncondensing	15% to 95% @ 104°F (40°C), noncondensing
Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)
Nonoperating/Storage relative humidity	15% to 90% @ 149°F (65°C), noncondensing	15% to 90% @ 149°F (65°C), noncondensing	15% to 90% @ 149°F (65°C), noncondensing
Altitude	up to 10,000 ft. (3 km)	up to 10,000 ft. (3 km)	up to 10,000 ft. (3 km)
Acoustic	Power: 0 dB No Fan	Power: 0 dB No Fan	Power: 0 dB No Fan
Electrical characteristics			
Maximum heat dissipation	41 BTU/hr (43.26 kJ/hr)	44 BTU/hr (46.42 kJ/hr)	75 BTU/hr (79.13 kJ/hr)
Voltage	100-240 VAC	100-240 VAC	100-127/200-240 VAC
Current	1.0 A	1.1 A	0.3/0.2 A
Maximum power rating	12 W	13 W	22 W
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Notes	Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. The exact input voltage and frequency rating are determined by the specific power adapter part number ordered. Please select the correct power adapter country option.	Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. The exact input voltage and frequency rating are determined by the specific power adapter part number ordered. Please select the correct power adapter country option.	Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated.
Safety	CSA 22.2 No. 60950; EN 60950/IEC 60950; UL 60950-1	CSA 22.2 No. 60950; UL 60950-1; IEC 60950-1; EN 60950-1	CSA 22.2 No. 60950; UL 60950-1; IEC 60950-1; EN 60950-1
Emissions	FCC Rules Part 15, Subpart B Class A	FCC Rules Part 15, Subpart B Class A	FCC Rules Part 15, Subpart B Class A
Immunity			
Generic	EN 55022 CISPR 22	EN 55022 CISPR 22	EN 55022 CISPR 22
EN	EN 55024, CISPR 24	EN 55024, CISPR 24	EN 55024, CISPR 24
ESD	IEC 61000-4-2	IEC 61000-4-2	IEC 61000-4-2
Radiated	IEC 61000-4-3	IEC 61000-4-3	IEC 61000-4-3
EFT/Burst	IEC 61000-4-4	IEC 61000-4-4	IEC 61000-4-4
Surge	IEC 61000-4-5	IEC 61000-4-5	IEC 61000-4-5
Conducted	IEC 61000-4-6	IEC 61000-4-6	IEC 61000-4-6
Power frequency magnetic field	IEC 61000-4-8	IEC 61000-4-8	IEC 61000-4-8
Voltage dips and interruptions	IEC 61000-4-11	IEC 61000-4-11	IEC 61000-4-11
Harmonics	IEC 61000-3-2	IEC 61000-3-2	IEC 61000-3-2
Flicker	IEC 61000-3-3	IEC 61000-3-3	IEC 61000-3-3

Specifications (continued)

	HP V1410-8G Switch (J9559A)	HP V1410-16G Switch (J9560A)	HP V1410-24G Switch (J9561A)
Notes			Use only supported genuine HP mini-GBICs with your switch.
Services	3-year, 4-hour onsite, 13x5 coverage for hardware (UF795E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UF796E) Installation with minimum configuration, system-based pricing (U4826E) Installation with HP-provided configuration, system-based pricing (U4830E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UR816E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UR817E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UR818E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UR819E) 3 Yr 6 hr Call-to-Repair Onsite (UW386E) 4 Yr 6 hr Call-to-Repair Onsite (UW387E) 5 Yr 6 hr Call-to-Repair Onsite (UW388E) Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	3-year, 4-hour onsite, 13x5 coverage for hardware (UF797E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UF798E) Installation with minimum configuration, system-based pricing (U4826E) Installation with HP-provided configuration, system-based pricing (U4830E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UR820E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UR821E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UR822E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UR823E) 3 Yr 6 hr Call-to-Repair Onsite (UW389E) 4 Yr 6 hr Call-to-Repair Onsite (UW390E) 5 Yr 6 hr Call-to-Repair Onsite (UW391E) Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	3-year, 4-hour onsite, 13x5 coverage for hardware (UF797E) 3-year, 4-hour onsite, 24x7 coverage for hardware (UF798E) Installation with minimum configuration, system-based pricing (U4826E) Installation with HP-provided configuration, system-based pricing (U4830E) 4-year, 4-hour onsite, 13x5 coverage for hardware (UR820E) 4-year, 4-hour onsite, 24x7 coverage for hardware (UR821E) 5-year, 4-hour onsite, 13x5 coverage for hardware (UR822E) 5-year, 4-hour onsite, 24x7 coverage for hardware (UR823E) 3 Yr 6 hr Call-to-Repair Onsite (UW389E) 4 Yr 6 hr Call-to-Repair Onsite (UW390E) 5 Yr 6 hr Call-to-Repair Onsite (UW391E) Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.
Standards and protocols (applies to all products in series)	**General protocols** IEEE 802.1p Priority IEEE 802.3ab 1000BASE-T IEEE 802.3az Energy Efficient Ethernet IEEE 802.3i 10BASE-T	IEEE 802.3u 100BASE-X IEEE 802.3x Flow Control IEEE 802.3z 1000BASE-X	

Specifications (continued)

HP V1410-8 Switch (J9661A)

HP V1410-16 Switch (J9662A)

	HP V1410-8 Switch (J9661A)	HP V1410-16 Switch (J9662A)
Ports	Supports a maximum of 8 autosensing 10/100 ports	Supports a maximum of 16 autosensing 10/100 ports
Physical characteristics		
Dimensions	3.74(d) x 6.14(w) x 0.97(h) in. (9.5 x 15.6 x 2.46 cm)	4.21(d) x 8.21(w) x 1.73(h) in. (10.7 x 20.85 x 4.4 cm)
Weight	0.74 lb. (0.34 kg)	1.43 lb. (0.65 kg)
Memory and processor		
	768 KB	16Kb EEPROM; packet buffer size: 2 Mb
Mounting	Wall, desktop, and undertable mounting	Mounts in an EIA-standard 19 in. telco rack (hardware included); wall, desktop, and undertable mounting
Performance		
100 Mb Latency	< 3.7 µs (LIFO 64-byte packets)	< 10.6 µs (LIFO 64-byte packets)
Throughput	up to 1.1 million pps (64-byte packets)	up to 2.3 million pps (64-byte packets)
Switching capacity	1.6 Gbps	3.2 Gbps
MAC address table size	1040 entries	8192 entries
Environment		
Operating temperature	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)
Operating relative humidity	15% to 95% @ 104°F (40°C), noncondensing	15% to 95% @ 104°F (40°C), noncondensing
Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)
Nonoperating/Storage relative humidity	15% to 90% @ 149°F (65°C), noncondensing	15% to 90% @ 149°F (65°C), noncondensing
Altitude	up to 10,000 ft. (3 km)	up to 10,000 ft. (3 km)
Acoustic	Power: 0 dB	Power: 0 dB
Electrical characteristics		
Maximum heat dissipation	13 BTU/hr (13.72 kJ/hr)	13 BTU/hr (13.72 kJ/hr)
Voltage	100-240 VAC	100-240 VAC
DC voltage	12V	12V
Current	0.3 A	0.3 A
Maximum power rating	3.6 W	3.6 W
Frequency	50/60 Hz	50/60 Hz
Notes	Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. The exact input voltage and frequency rating are determined by the specific power adapter part number ordered. Please select the correct power adapter country option.	Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. The exact input voltage and frequency rating are determined by the specific power adapter part number ordered. Please select the correct power adapter country option
Safety	UL 60950-1; CSA 22.2 60950-1; IEC 60950-1:2005; EN 60950-1:2006 + A11:2009	UL 60950-1; CSA C22.2 60950-1; IEC 60950-1:2005; EN 60950-1:2006 + A11:2009
Emissions	FCC Rules Part 15, Subpart B Class A	FCC Rules Part 15, Subpart B Class A
Immunity		
Generic	EN 55022 CISPR 22	EN 55022 CISPR 22
EN	EN 55024, CISPR 24	EN 55024, CISPR 24
ESD	IEC 61000-4-2	IEC 61000-4-2
Radiated	IEC 61000-4-3	IEC 61000-4-3
EFT/Burst	IEC 61000-4-4	IEC 61000-4-4
Surge	IEC 61000-4-5	IEC 61000-4-5
Conducted	IEC 61000-4-6	IEC 61000-4-6
Power frequency magnetic field	IEC 61000-4-8	IEC 61000-4-8
Voltage dips and interruptions	IEC 61000-4-11	IEC 61000-4-11
Harmonics	IEC 61000-3-2	IEC 61000-3-2
Flicker	IEC 61000-3-3	IEC 61000-3-3
Services	Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

Standards and protocols
(applies to all products in series)

General protocols
IEEE 802.1p Priority
IEEE 802.3ab 1000BASE-T
IEEE 802.3az Energy Efficient Ethernet
IEEE 802.3i 10BASE-T
IEEE 802.3u 100BASE-X
IEEE 802.3x Flow Control
IEEE 802.3z 1000BASE-X

Specifications (continued)

	 HP V1410-24 Switch (J9663A)	 HP V1410-24-2G Switch (J9664A)
Ports	Supports a maximum of 24 autosensing 10/100 ports	Supports a maximum of 24 autosensing 10/100 ports plus 2 autosensing 10/100/1000 ports, or a combination
Physical characteristics		
Dimensions	6.65(d) x 13.23(w) x 1.73(h) in. (16.9 x 33.6 x 4.4 cm)	6.65(d) x 13.23(w) x 1.73(h) in. (16.9 x 33.6 x 4.4 cm)
Weight	2.98 lb. (1.35 kg)	2.98 lb. (1.35 kg)
Memory and processor		
	16Kb EEPROM; packet buffer size: 2 Mb	2KB EEPROM; packet buffer size: 2.5 Mb
Mounting	Mounts in an EIA-standard 19 in. telco rack (hardware included); wall, desktop, and undertable mounting	Mounts in an EIA-standard 19 in. telco rack (hardware included); wall, desktop, and undertable mounting
Performance		
100 Mb Latency	< 11 µs (LIFO 64-byte packets)	< 5.6 µs (LIFO 64-byte packets)
1000 Mb Latency		< 2.2 µs (LIFO 64-byte packets)
Throughput	up to 3.5 million pps (64-byte packets)	up to 6.5 million pps (64-byte packets)
Switching capacity	4.8 Gbps	8.8 Gbps
MAC address table size	8192 entries	8192 entries
Environment		
Operating temperature	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)
Operating relative humidity	15% to 95% @ 104°F (40°C), noncondensing	15% to 95% @ 104°F (40°C), noncondensing
Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)
Nonoperating/Storage relative humidity	15% to 90% @ 149°F (65°C)	15% to 90% @ 149°F (65°C), noncondensing
Altitude	up to 10,000 ft. (3 km)	up to 10,000 ft. (3 km)
Acoustic	Power: 0 dB	Power: 0 dB
Electrical characteristics		
Maximum heat dissipation	17 BTU/hr (17.93 kJ/hr)	37 BTU/hr (39.03 kJ/hr)
Voltage	100-240 VAC	100-240 VAC
DC voltage	12V	12V
Current	0.4 A	0.9 A
Maximum power rating	4.8 W	10.8 W
Frequency	50/60 Hz	50/60 Hz
Notes	Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. The exact input voltage and frequency rating are determined by the specific power adapter part number ordered. Please select the correct power adapter country option.	Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. The exact input voltage and frequency rating are determined by the specific power adapter part number ordered. Please select the correct power adapter country option
Safety	UL 60950-1; CSA 22.2 60950-1; IEC 60950-1:2005; EN 60950-1:2006 + A11:2009	UL 60950-1; CSA 22.2 60950-1; IEC 60950-1:2005; EN 60950-1:2006 + A11:2009
Emissions	FCC Rules Part 15, Subpart B Class A	FCC Rules Part 15, Subpart B Class A
Immunity		
Generic	EN 55022 CISPR 22	EN 55022 CISPR 22
EN	EN 55024, CISPR 24	EN 55024, CISPR 24
ESD	IEC 61000-4-2	IEC 61000-4-2
Radiated	IEC 61000-4-3	IEC 61000-4-3
EFT/Burst	IEC 61000-4-4	IEC 61000-4-4
Surge	IEC 61000-4-5	IEC 61000-4-5
Conducted	IEC 61000-4-6	IEC 61000-4-6
Power frequency magnetic field	IEC 61000-4-8	IEC 61000-4-8
Voltage dips and interruptions	IEC 61000-4-11	IEC 61000-4-11
Harmonics	IEC 61000-3-2	IEC 61000-3-2
Flicker	IEC 61000-3-3	IEC 61000-3-3
Services	Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.

Specifications (continued)

	HP V1410-24 Switch (J9663A)	HP V1410-24-2G Switch (J9664A)
Standards and protocols (applies to all products in series)	**General protocols** IEEE 802.1p Priority IEEE 802.3ab 1000BASE-T IEEE 802.3az Energy Efficient Ethernet IEEE 802.3i 10BASE-T	IEEE 802.3u 100BASE-X IEEE 802.3x Flow Control IEEE 802.3z 1000BASE-X

HP V1410 Switch Series accessories

Cables

HP 0.5 m Multimode OM3 LC/LC Optical Cable (AJ833A)
HP 1 m Multimode OM3 LC/LC Optical Cable (AJ834A)
HP 2 m Multimode OM3 LC/LC Optical Cable (AJ835A)
HP 5 m Multimode OM3 LC/LC Optical Cable (AJ836A)
HP 15 m Multimode OM3 LC/LC Optical Cable (AJ837A)
HP 30 m Multimode OM3 LC/LC Optical Cable (AJ838A)
HP 50 m Multimode OM3 LC/LC Optical Cable (AJ839A)
NEW HP 0.5 m PremierFlex OM3+ LC/LC Optical Cable (BK837A)
NEW HP 1 m PremierFlex OM3+ LC/LC Optical Cable (BK838A)
NEW HP 2 m PremierFlex OM3+ LC/LC Optical Cable (BK839A)
NEW HP 5 m PremierFlex OM3+ LC/LC Optical Cable (BK840A)
NEW HP 15 m PremierFlex OM3+ LC/LC Optical Cable (BK841A)
NEW HP 30 m PremierFlex OM3+ LC/LC Optical Cable (BK842A)
NEW HP 50 m PremierFlex OM3+ LC/LC Optical Cable (BK843A)

HP V1410-24G Switch (J9561A)

HP X121 1G SFP LC SX Transceiver (J4858C)
HP X121 1G SFP LC LX Transceiver (J4859C)
HP X121 1G SFP LC LH Transceiver (J4860C)
HP X111 100M SFP LC FX Transceiver (J9054B)
HP X112 100M SFP LC BX-D Transceiver (J9099B)
HP X112 100M SFP LC BX-U Transceiver (J9100B)
HP X122 1G SFP LC BX-D Transceiver (J9142B)
HP X122 1G SFP LC BX-U Transceiver (J9143B)

To learn more, visit www.hp.com/networking

4AA1-1585ENW, Created April 2010; Updated September 2010, Rev. 1